

Title (en)

INK FORMULATIONS FOR IMPROVING PRINTHEAD LIFETIME

Title (de)

TINTENFORMULIERUNGEN FÜR VERBESSERTE LEBENSDAUER EINES DRUCKKOPFES

Title (fr)

FORMULATIONS D'ENCRE POUR AMÉLIORER LA DURÉE DE VIE D'UNE TÊTE D'IMPRESSION

Publication

EP 3122825 A1 20170201 (EN)

Application

EP 15708207 A 20150305

Priority

- US 201461971985 P 20140328
- EP 2015054682 W 20150305

Abstract (en)

[origin: US2015274996A1] An inkjet ink includes: (i) a disazo dye of formula (I): (ii) sulfolane; (iii) a glycol compound selected from the group consisting of: ethylene glycol, diethylene glycol, triethylene glycol, tetraethylene glycol and pentaethylene glycol; and (iv) water.

IPC 8 full level

B41J 2/17 (2006.01); **C09D 11/30** (2014.01); **C09D 11/328** (2014.01); **C09D 11/38** (2014.01)

CPC (source: EP KR US)

B41J 2/1433 (2013.01 - KR US); **B41J 2/155** (2013.01 - KR US); **B41J 2/1707** (2013.01 - EP KR US); **B41J 2/175** (2013.01 - KR US); **B41J 2/2107** (2013.01 - KR); **B41J 2/211** (2013.01 - KR); **C09D 11/033** (2013.01 - EP KR US); **C09D 11/30** (2013.01 - KR US); **C09D 11/328** (2013.01 - EP KR US); **C09D 11/38** (2013.01 - EP KR US); **B41J 2002/14491** (2013.01 - KR US)

Citation (search report)

See references of WO 2015144419A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2015274996 A1 20151001; **US 9388317 B2 20160712**; AU 2015238704 A1 20160811; AU 2015238704 B2 20161027; CN 106103609 A 20161109; CN 106103609 B 20201103; EP 3122825 A1 20170201; EP 3122825 B1 20170719; JP 2017516874 A 20170622; JP 6545700 B2 20190717; KR 102287691 B1 20210811; KR 20160140714 A 20161207; TW 201546198 A 20151216; TW I670336 B 20190901; US 2016272830 A1 20160922; US 9725609 B2 20170808; WO 2015144419 A1 20151001; WO 2015150148 A1 20151008

DOCDB simple family (application)

US 201514640244 A 20150306; AU 2015238704 A 20150305; CN 201580013626 A 20150305; EP 15708207 A 20150305; EP 2015054682 W 20150305; EP 2015056163 W 20150323; JP 2016558715 A 20150305; KR 20167028038 A 20150305; TW 104107581 A 20150310; US 201615167850 A 20160527